

Commissioner for Patents
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Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement accompanies the new patent application submitted herewith of the following Inventors: Gerald E. HANCOCK and Paul W. TEBBEY;

For: ENHANCED IMMUNE RESPONSE TO ATTACHMENT (G) PROTEIN OF
RESPIRATORY SYNCYTIAL VIRUS.

1. Preliminary Statements

In accordance with 37 CFR 1.97 and 1.98, Applicants submit herewith patents, publications, or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56. This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) the information is material to the examination of this application; (iii) additional information material to the examination of this application does not exist; (iv) the information, protocols, results and the like reported by third parties are accurate or enabling; or (v) the information constitutes prior art to the subject invention.

2. ☒ Previously Cited Information

No copy of the patents, publications or other information cited on the attached form PTO-1449 is enclosed because it has been previously cited by or submitted to the Office in a prior application which is relied upon for an earlier filing date under 35 USC 120. Prior application is Application Number 09/526,195 filed on March 15, of 2000 for ENHANCED IMMUNE RESPONSE TO ATTACHMENT (G) PROTEIN OF RESPIRATORY SYNCYTIAL VIRUS.

CERTIFICATE OF MAILING 37 CFR §1.10

I hereby certify that this paper and the documents referred to as enclosed therein are being deposited with the United States Postal Service on the date written below in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EU673381350US addressed to the Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Feb. 20, 2004
Date

J. Darrell Fontenot
J. Darrell Fontenot

3. ☐ Newly Cited Information
A legible copy of the patents, publications or other information cited on the attached form PTO-1449 is enclosed, except that no copy of a pending U.S. application, a U.S. patent, or a U.S. patent application publication is enclosed.
4. ☐ Concise Explanation
Documents cited above which are not in the English Language
a. ☐ have been explained in the specification.
b. ☐ have an abstract (or other concise explanation) in English enclosed or, if readily available, a translation into English of the document is enclosed.
5. Form PTO-1449 is enclosed in duplicate.
6. Customer Number 25291.



J. Darrell Fontenot
Attorney for Applicants
Reg. No. 46,705

Wyeth
Patent Law Department
Five Giralda Farms
Madison, NJ 07940
Tel. No. (845) 602-3144

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	To Be Assigned
				Filing Date	To Be Assigned
				First Named Inventor	Gerald E. HANCOCK, et al.
				Group Art Unit	To Be Assigned
Examiner Name	To Be Assigned				
Attorney Docket Number	ACY33386 D1				
Sheet	1	of	2		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number (If known)	Kind Code (If Known)			
	A1.	U.S. 4,837,151		Bruce A.D. Stocker	06/06/1989	
	A2.	U.S. 5,194,595		Michael W. Wathen	03/16/1993	
	A3.	U.S. 5,255,539		Winters et al.	07/06/1993	
	A4.	U.S. 5,593,972		Weiner et al.	01/14/1997	
	A5.	U.S. 5,639,853		Paradiso et al.	06/17/1997	
	A6.	U.S. 5,643,576		Johnston et al.	07/01/1997	
	A7.	U.S. 5,723,130		Hancock et al.	03/03/1998	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (If Known)				
	B1.		WO86/01533		Michael Neuberger	03-13-1986		<input type="checkbox"/>
	B2.		EP173,494		Sherle L. Morrison	05-03-1986		<input type="checkbox"/>
	B3.		WO96/21356		William M. Mitchell	07-18-1996		<input type="checkbox"/>
	B4.		WO97/46581		Biomolecular Research Institute Ltd: Gorman J J	12-11-1997		
	B5.		WO96/14418		Binz H. Nguyen	05-17-96		

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.				T
	C1.	Kim <i>et al.</i> , <u>Am. J. Epidemiol.</u> , 89:422-434 (1969)				<input type="checkbox"/>
	C2.	Kohler and Milstein, <u>Nature</u> , 256:495-497 (1975)				<input type="checkbox"/>
	C3.	Kozbar <i>et al.</i> , <u>Immunology Today</u> , 4:72 (1983)				<input type="checkbox"/>
	C4.	Collins <i>et al.</i> , <u>Proc. Natl. Acad. Sci. (USA)</u> 81:7683-7687 (1984)				<input type="checkbox"/>
	C5.	Satake <i>et al.</i> , <u>Nuc. Acids Res.</u> , 13(21):7795-7810 (1985)				<input type="checkbox"/>
	C6.	Wertz <i>et al.</i> , <u>Proc. Natl. Acad. Sci., USA</u> , 82:4075-4079 (1985)				<input type="checkbox"/>
	C7.	Olmstead <i>et al.</i> , <u>PNAS</u> , 83:7462-7466 (1986)				<input type="checkbox"/>
	C8.	Ball <i>et al.</i> , <u>Proc. Natl. Acad. Sci. USA</u> , 83:246-250 (1986)				<input type="checkbox"/>
	C9.	Cane <i>et al.</i> , <u>Journal of Medical Virology</u> 51 297-304 (1997)				<input type="checkbox"/>
	C10.	Bernatowicz and Matsueda, <u>Analytical Biochemistry</u> , 155:95-102 (1986)				<input type="checkbox"/>
	C11.	Cunningham and Wells, <u>Science.</u> , 244:1081-1085 (1989)				<input type="checkbox"/>
	C12.	Bowie <i>et. al.</i> , <u>Science</u> , 247:1081-1085 (1989)				<input type="checkbox"/>
	C13.	Coffman <i>et al.</i> , <u>Science</u> , 245:308-310 (1989)				<input type="checkbox"/>
	C14.	Tsao <i>et al.</i> , <u>Anal. Biochemistry</u> , 197:137-142 (1991)				<input type="checkbox"/>
	C15.	Karlin <i>et al.</i> , <u>Proc. Natl. Acad. Sci. USA</u> , 90:5873-5877 (1993)				<input type="checkbox"/>
	C16.	Alwan <i>et al.</i> , <u>J. Exp. Med.</u> , 279:81-89 (1994)				
	C17.	Murray <i>et al.</i> , <u>Eur. J. Immunol.</u> , 24:2337-2344				<input type="checkbox"/>
	C18.	Pfieffer <i>et al.</i> , <u>J. Exp. Med.</u> , 181:1569-1574 (1995)				<input type="checkbox"/>
	C19.	Hancock <i>et al.</i> , <u>Vaccine</u> , 13:391-400 (1995)				<input type="checkbox"/>
	C20.	Hancock <i>et al.</i> , <u>J. Virol.</u> , 70:7783-7791 (1996)				<input type="checkbox"/>
	C21.	Frisch <i>et al.</i> , <u>Bioconjugate Chem.</u> , 7:180-186 (1996)				<input type="checkbox"/>
	C22.	Boeckler <i>et al.</i> , <u>J. Immunological Methods</u> . 191:1-10 (1996)				<input type="checkbox"/>

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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				Group Art Unit	To Be Assigned
Examiner Name	To Be Assigned				
Sheet	2	of	2	Attorney Docket Number	ACY33386 D1

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS				
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	C23.	Altschul <i>et al.</i> , <u>Nucleic Acids Res.</u> , 25:3389-3402 (1997).	<input type="checkbox"/>	
	C24.	Waris Me <i>et al.</i> , <u>Journal of Virology</u> , 71, 6935-6939 (1997)	<input type="checkbox"/>	
	C25.	Sparer TE <i>et al.</i> , <u>Journal of Experimental Medicine</u> , 187(11), 1967-1972 (1998)	<input type="checkbox"/>	
	C26.	Tebbey <i>et al.</i> , <u>Journal of Experimental Medicine</u> , 188(10), 1967-1972 (1998)	<input type="checkbox"/>	

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